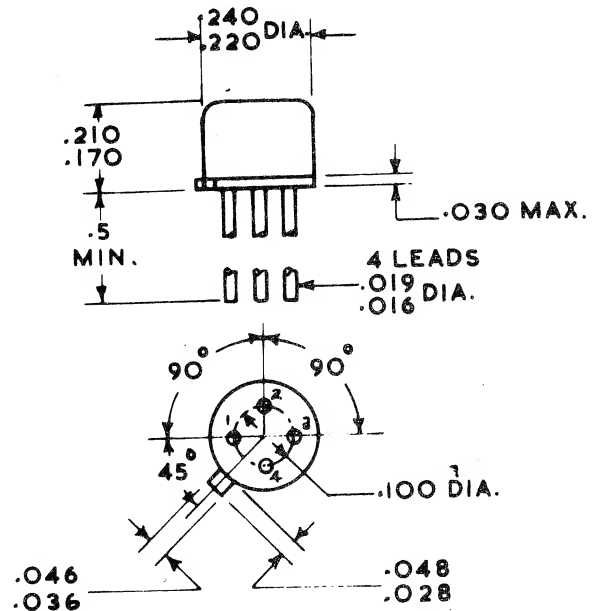


AS200  
AS201

The AS200 and AS201 are n-p-n silicon planar epitaxial transistors for general use in H.F. and V.H.F. applications, having high  $f_T$  (900MHz) and typical  $R_{bb}$ ,  $C_{b'c}$  products of 8ps. These units are in the TO-104 package.

## DIMENSIONAL OUTLINE

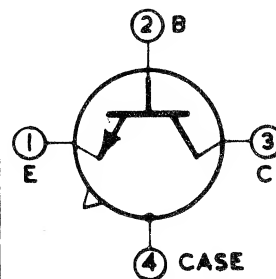


Dimensions in Inches

### ABSOLUTE MAXIMUM RATINGS

```
Collector-base voltage      = 45 volts
Collector-emitter voltage  = 45 volts
(Base-emitter resistance
  = 100 K $\Omega$ )
Emitter-base voltage      = 5 volts
Emitter current            = 50mA
```

### TERMINAL DIAGRAM



Lead 1—Emitter  
Lead 2—Base  
Lead 3—Collector  
Lead 4—Connected to  
Case

## THERMAL RATINGS

Dissipation in an ambient temperature up to 25°C ----- 180mW max.  
Derate linearly to zero at 175°C.

During soldering lead temperature must not exceed  $255^{\circ}\text{C}$   
for 10 secs. max. with 1/16" of can.

Storage temperature                    -65°C to 175°C

## AS201

AMALGAMATED WIRELESS VALVE CO. PTY. LTD.